

Message

From: Barber, Anthony [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5E1B829AD1824045B9B91334160BD8B3-BARBER, ANTHONY]
Sent: 3/9/2020 5:40:58 PM
To: Martinson, Mathew [Martinson.Mathew@epa.gov]; Contreras, Peter [Contreras.Peter@epa.gov]; Kenknight, Jeff [Kenknight.Jeff@epa.gov]
Subject: RE: LUBGWMA ODEQ actions under PPA/PPG

Leah, Justin and Jennifer aren't available on the 18th. Maybe you were thinking of one of them. Linda is able to call in to talk with us on the 18th but can't be in person.

From: Martinson, Mathew <martinson.mathew@epa.gov>
Sent: Monday, March 09, 2020 10:38 AM
To: Barber, Anthony <Barber.Anthony@epa.gov>; Contreras, Peter <Contreras.Peter@epa.gov>; Kenknight, Jeff <Kenknight.Jeff@epa.gov>
Subject: RE: LUBGWMA ODEQ actions under PPA/PPG

Tony,

Linda is going to attend on the 18th? I understood that she wasn't available. Seems like she would be a critical player in the conversation.

Thanks,
Mat

Mathew J. Martinson, P.E., BCEE
CAPT, USPHS
Branch Chief, Permitting, Drinking Water and Infrastructure Branch
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Phone: 206-553-6334 (Direct)

From: Barber, Anthony <Barber.Anthony@epa.gov>
Sent: Monday, March 9, 2020 10:10 AM
To: Martinson, Mathew <martinson.mathew@epa.gov>; Contreras, Peter <Contreras.Peter@epa.gov>; Kenknight, Jeff <Kenknight.Jeff@epa.gov>
Subject: LUBGWMA ODEQ actions under PPA/PPG

In follow up regarding ODEQ's work under the PPA and PPG with EPA I talked with Lori Pillsbury (ODEQ Lab Administrator) and Aaron Borisenko (ODEQ Lab Water Quality Monitoring Manager) this morning. I referred to the commitments from the PPA (see below). They said they are doing the quarterly monitoring of the 32 wells, which are mostly the same wells time after time for trend analysis. They said they do occasionally perform "synoptic" sampling of about 100 wells for use in determining how representative the 32 wells are for the whole picture. They said they believe the remaining PPA responsibilities are handled by the ODEQ Eastern Region personnel under Linda Hayes-Gorman and David Anderson (who are scheduled to attend the March 18th meeting). They referred to Phil Richardson, a hydrologist in DEQ's Pendleton office as being particularly knowledgeable on these issues.

#	DEQ Commitment	EPA Commitment	Outputs	Timeframe	Supported by PPG?	EPA PAM
4.1	Implement the Lower Umatilla Basin Groundwater Management Area Action Plan by focusing on agricultural, residential, commercial, industrial, municipal, and public water supply activities that will prevent and reduce nitrate contamination in groundwater. Enhance engagement with Oregon Department of Agriculture, wastewater permit holders and the recent and ongoing public-private irrigation water development program, targeting reversal of the increasing groundwater nitrate concentration trend in the LUB GWMA.	EPA will provide technical support as needed.	<u>Coordination</u> <ul style="list-style-type: none"> - Meet with local stakeholders, Groundwater Management Committee, and local agencies to coordinate Action Plan activities. - Provide technical support. - Research BMPs and their effectiveness. <u>Education and Outreach</u> <ul style="list-style-type: none"> - Organize education and outreach efforts to increase awareness of groundwater vulnerability and BMPs, including participation at "outdoor schools" and farm fairs. 	Meet as needed; typically six meetings per year Ongoing Ongoing Annually Ongoing	Partial	

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APPENDIX C: WATER QUALITY PROGRAM COMPONENT

#	DEQ Commitment	EPA Commitment	Outputs	Timeframe	Supported by PPG?	EPA PAM
			<ul style="list-style-type: none"> - Maintain GWMA website. <u>Monitoring and Data Analysis</u> <ul style="list-style-type: none"> - Monitor groundwater quality at 32 domestic and irrigation wells quarterly to evaluate impacts and effectiveness of Action Plan. - Complete groundwater nitrate trend analysis for entire GWMA (including food processor sites) - Evaluate success of BMP awareness and implementation. 	Quarterly monitoring. As needed with new data. Every four years		

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